

PATENT APPLN. NO. 09/524,575
RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

PATENT

REMARKS

Table 2 has been amended to correct a typographical error. Specifically, in Example 7 "Adsorbent-catalyst E" has been amended to --Adsorbent-catalyst C--. A person of ordinary skill in the art would recognize that "Adsorbent-catalyst E" in Example 7 in Table 2, an example within the scope of the present invention, is an error because the adsorbent in Adsorbent-catalyst E is β -zeolite (95) which is not an adsorbent within the scope of the present invention.

The amendment to Table 2 was originally submitted in a Submission Under 37 C.F.R. § 1.114 accompanying a Request for Continued Examination filed October 31, 2005. In the Notice of Non-Compliant Amendment dated November 7, 2005, the Office indicates that the amended Table 2 submitted October 31, 2005, does not contain markings.

The attached Table 2 is a copy of the Table 2 submitted on October 31, 2005. The attention of the Office is directed to the row "Example 7", column "Order of mounting of system components". The amendment to the table is properly marked as "Catalyst D → Adsorbent-catalyst [[E]] $\underline{\text{C}}$ → Catalyst D". I.e., the table is marked to indicate the deletion of "E" and the addition of "C".

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Amended Table 2 attached hereto as well as amended Table 2 submitted on October 31, 2005, are properly marked. Entry of the amendment to Table 2 is in order and is respectfully requested.

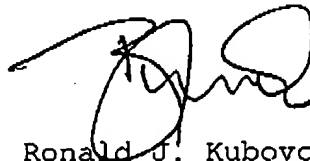
Also attached hereto is a copy of amended Table 2 in which the marked amendments have been circled by hand.

In the event that this paper is not considered to be timely filed, applicants hereby petition for an appropriate extension of time. The fee for any such extension may be charged to our Deposit Account No. 111833.

In the event any additional fees are required, please also charge our Deposit Account No. 111833.

Respectfully submitted,

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Table 2

	Position of system mounting* (mm)	Order of mounting of system components**	Hydrocarbons reduction from 0 to 150 seconds (%)	Total hydrocarbons emission in FTP (g/mile)
ample 1	600	Catalyst A→Adsorbent-catalyst C→Catalyst B (850°C) (850°C) (850°C)	78	0.046
ample 2	600	Adsorbent-catalyst A→ Catalyst C (850°C) (850°C)	72	0.059
ample 3	1000	Catalyst A→Adsorbent E→ Catalyst B→ Catalyst C (850°C) (750°C) (750°C) (750°C)	65	0.055
ample 4	1000	Adsorbent-catalyst B→ Catalyst C (750°C) (750°C)	62	0.059
ample 5	1000	Catalyst C→Adsorbent D→ Catalyst A→ Catalyst B (850°C) (850°C) (850°C) (850°C)	68	0.049
ample 6	1000	Adsorbent B→ Catalyst C (750°C) (750°C)	63	0.072
ample 7	1000	Catalyst D→ Adsorbent-catalyst ([E]) G→ Catalyst D (850°C) (850°C) (850°C)	80	0.042
ample 8	800	Catalyst D→ Adsorbent-catalyst H→ Catalyst D (850°C) (850°C) (850°C)	82	0.039
ample 9	800	Catalyst D→ Adsorbent-catalyst I→ Catalyst D (850°C) (850°C) (850°C)	81	0.040
mparative ample 1	600	Catalyst A→Adsorbent-catalyst G→Catalyst B (850°C) (850°C) (850°C)	35	0.108
mparative ample 2	600	Catalyst A→Adsorbent O→ Catalyst B (850°C) (850°C) (850°C)	39	0.098
mparative ample 3	600	Catalyst A→ Adsorbent-catalyst F→ Catalyst B (850°C) (850°C) (850°C)	46	0.090

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comparative sample 4	1000	Catalyst A → Adsorbent-catalyst G → Catalyst B → Catalyst C (850°C) (750°C) (750°C) (750°C)	40	0.108
comparative sample 5	1000	Catalyst A → Adsorbent-catalyst B → Catalyst C (850°C) (750°C) (750°C)	28	0.137
comparative sample 6	1000	Adsorbent J → Catalyst C (750°C) (750°C)	12	0.186
comparative sample 7	1000	Adsorbent H → Catalyst C (750°C) (750°C)	28	0.104

distance from engine exhaust port to point of system closest to said port.

Order starting from the most upstream component in the direction of exhaust gas flow. Figures in parentheses indicate an inlet temperature during durability test.

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	Position of system mounting* (mm)	Order of mounting of system components**	Hydrocarbons reduction from 0 to 150 seconds (%)	Total hydrocarbons emission in FTP (g/mile)
Sample 1	600	Catalyst A → Adsorbent-catalyst C → Catalyst B (850°C)	78	0.046
Sample 2	600	Adsorbent-catalyst A → Catalyst C (850°C)	72	0.059
Sample 3	1000	Catalyst A → Adsorbent E → Catalyst B → Catalyst C (850°C)	65	0.055
Sample 4	1000	Adsorbent-catalyst B → Catalyst C (750°C)	62	0.059
Sample 5	1000	Catalyst C → Adsorbent D → Catalyst A → Catalyst B (850°C)	68	0.049
Sample 6	1000	Adsorbent B → Catalyst C (750°C)	63	0.072
Sample 7	1000	Catalyst D → Adsorbent-catalyst [(E)] C → Catalyst D (850°C)	80	0.042
Sample 8	800	Catalyst D → Adsorbent-catalyst H → Catalyst D (850°C)	82	0.039
Sample 9	800	Catalyst D → Adsorbent-catalyst I → Catalyst D (850°C)	81	0.040
Comparative sample 1	600	Catalyst A → Adsorbent-catalyst G → Catalyst B (850°C)	35	0.108
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comparative sample 4	1000	Catalyst A→Adsorbent-catalyst G→Catalyst B→Catalyst C (850°C) (750°C) (750°C)	40	0.108
comparative sample 5	1000	Catalyst A→ Adsorbent-catalyst E→ Catalyst B→ Catalyst C (850°C) (750°C) (750°C)	28	0.137
comparative sample 6	1000	Adsorbent J→ Catalyst C (750°C) (750°C)	12	0.186
comparative sample 7	1000	Adsorbent H→ Catalyst C (750°C) (750°C)	28	0.104

distance from engine exhaust port to point of system closest to said port.

Order starting from the most upstream component in the direction of exhaust gas flow. Figures in parentheses indicate an inlet temperature during durability test.